

KING DESIGN INDUSTRIAL CO., LTD.**RELIABILITY TEST LABORATORY**

5F, NO. 3, Lane 270, Pei Shen Road Sec. 3,

<http://www.kdi.tw>

Shen Keng Dist., New Taipei City, 222, Taiwan, R.O.C

<http://www.vibration.com.tw>

TEL: 886-2-2662-5100 FAX: 886-2-2662-3094

E-mail:service@kdi.tw

TESTING / INSPECTION REPORT

REPORT NO : ST-130422-5

COMPANY : AAEON Technology Inc.

ADDRESS : 5F, No.135, Lane 235, Pao Chiao Rd.

Hsin-Tien City, Taipei, Taiwan, R. O. C.

TEL : 886-2-8919-1234

FAX : 886-2-8919-1049

SPECIMEN : AHP-1083 (with SATA HDD)

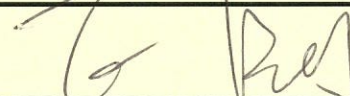

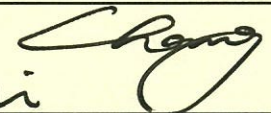
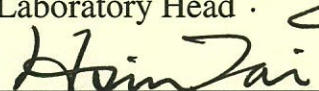
DATE OF RECEIVED : 2013/04/19

DATE OF TESTED : 2013/04/19

TEST / INSPECTION ITEMS : Shock Test

REMARKS :

- The laboratory is accredited by ISO/IEC 17025 General Requirements for the Competence of Calibration and Testing Laboratory.
- The results only apply to the device under test.
- This report is 11 pages, and no part of it may be abstracted or reproduced.

Test Engineer : 	
Approval Signatory :  2013.4.29	Laboratory Head :  



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TESTING EQUIPMENT :

- 1.Vibration Tester : KING DESIGN KD-9363EM-1000F2K-50N120,
S/N : GUG02102091
- 2.Controller : DACTRON LASER USB, S/N : 12448370
- 3.Control Accelerometer : WILCOXON RESEARCH, Model:784A, S/N:23116

TEST ENVIRONMENT :

- Temperature : 23.4°C (25±10°C)
- Relative Humidity : 62 %RH (50±25% RH)

SPECIMEN :

- Model : AHP-1083 (with SATA HDD)
- Quantity : 1 unit

TEST SPECIFICATION :

As per applicant's requirement

- Wave Form : Half Sine wave (Operating)
- Acceleration : 20 g
- Duration Time : 11 mS
- No. of Shock : Each axis 3 times
- Shock Direction : ±X, ±Y, ±Z axis

TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment ⁽¹⁾	√	---	---
Appearance check ⁽²⁾	√	---	---

(1)—Booting function was normal after the test.

(2)—No visible damages were found.

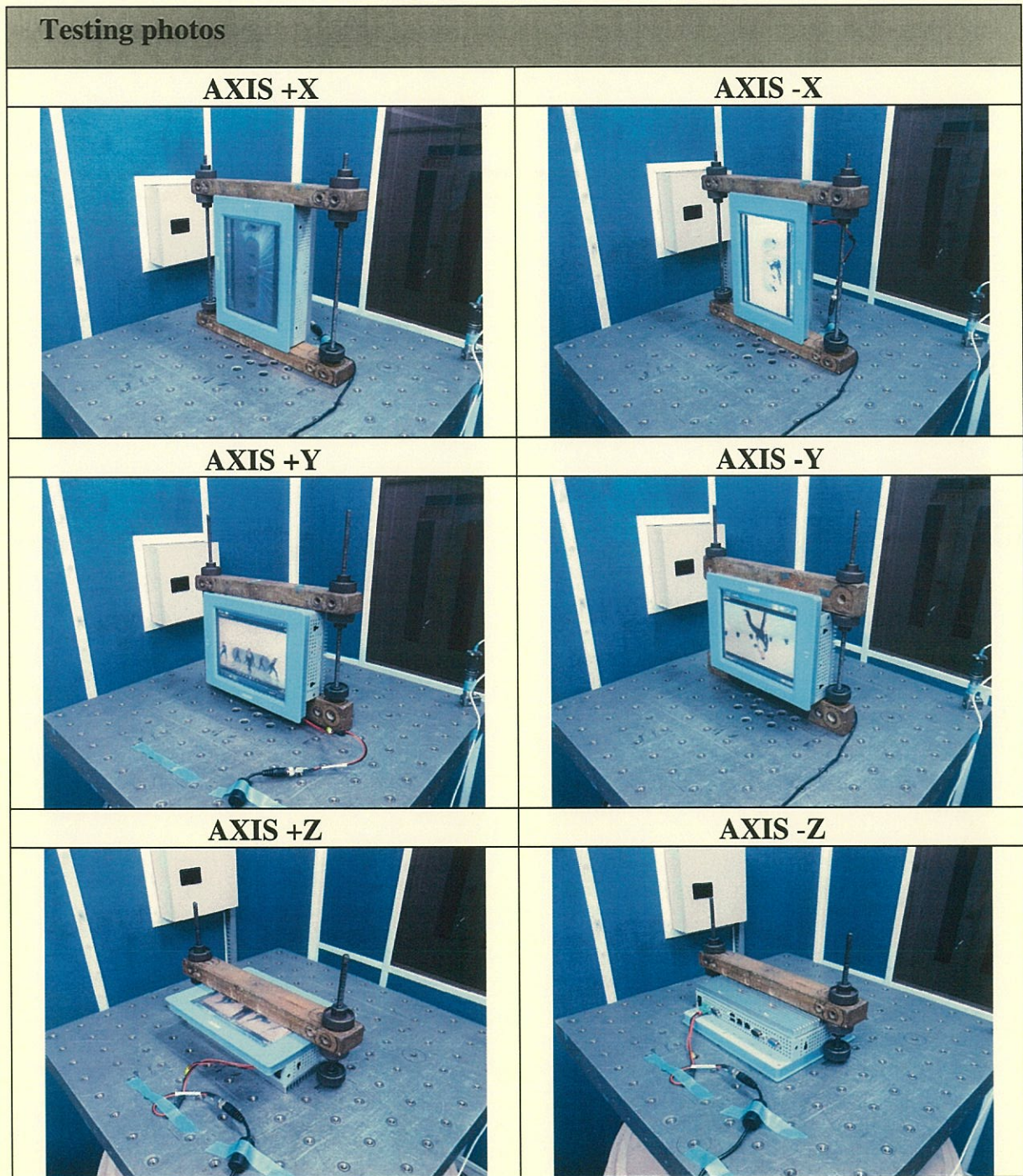
TESTING / INSPECTION REPORT

Testing photos

Tester



TESTING / INSPECTION REPORT

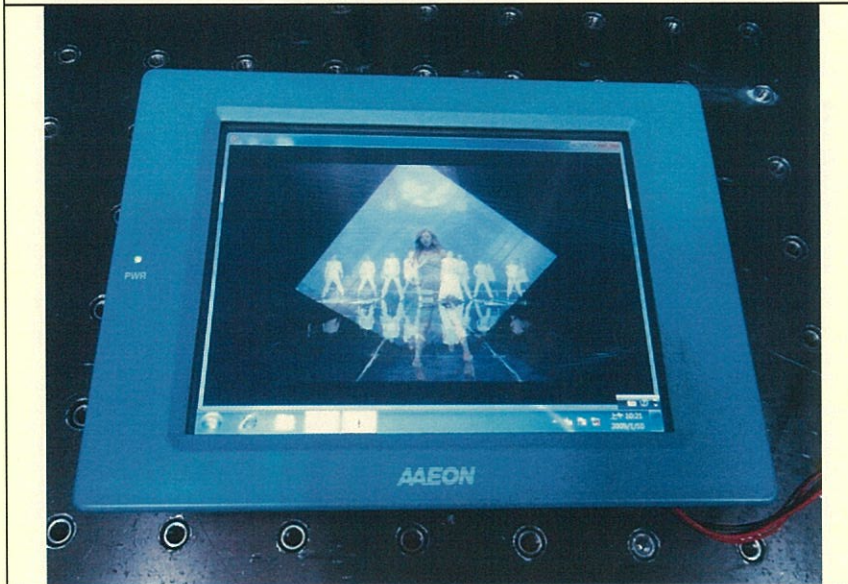


品質保證

TESTING / INSPECTION REPORT

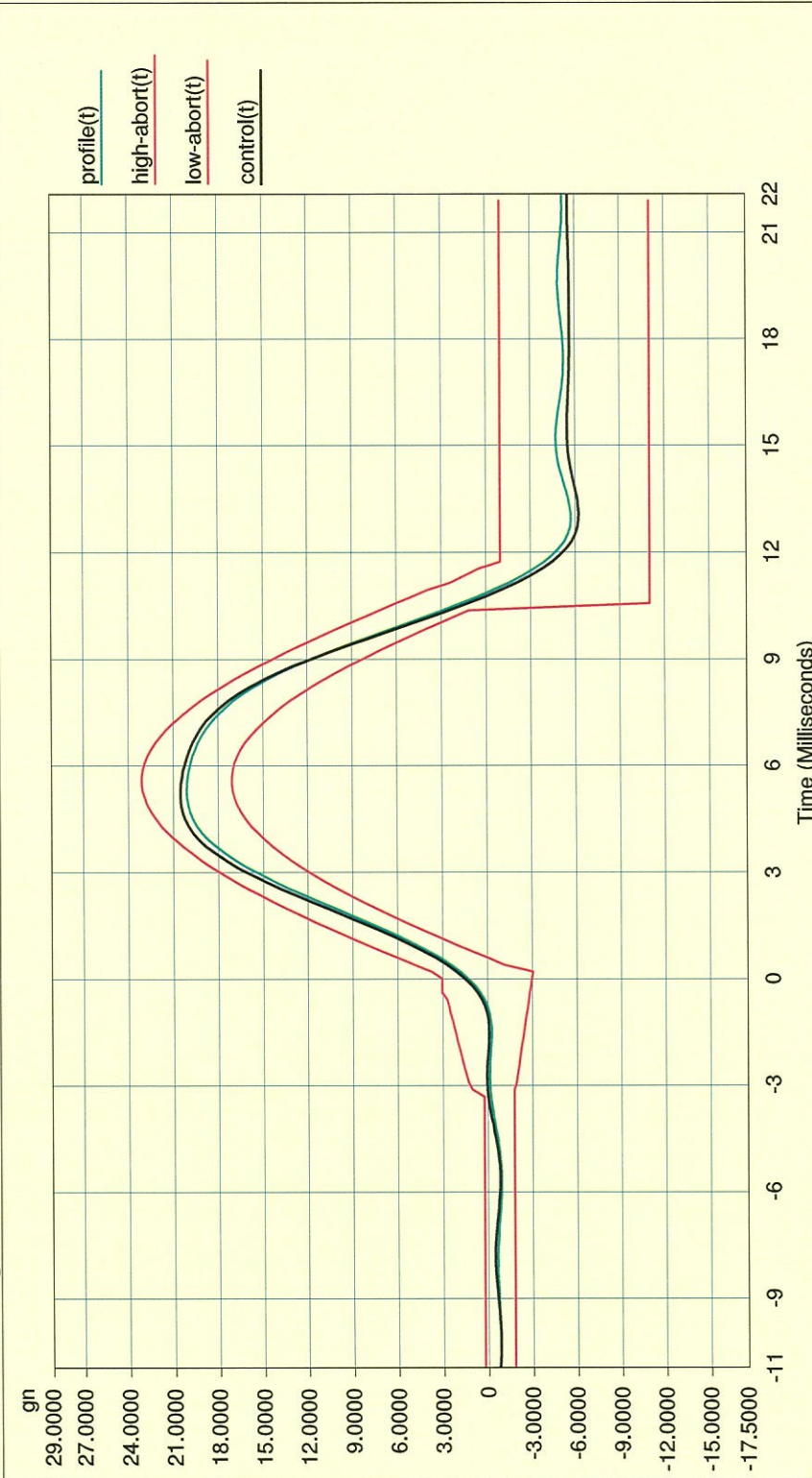
Testing photos

After test



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+X axis
 Project File Name: 20g 11mS Half Sine.prj
 Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Apr 19, 2013 11-50-50



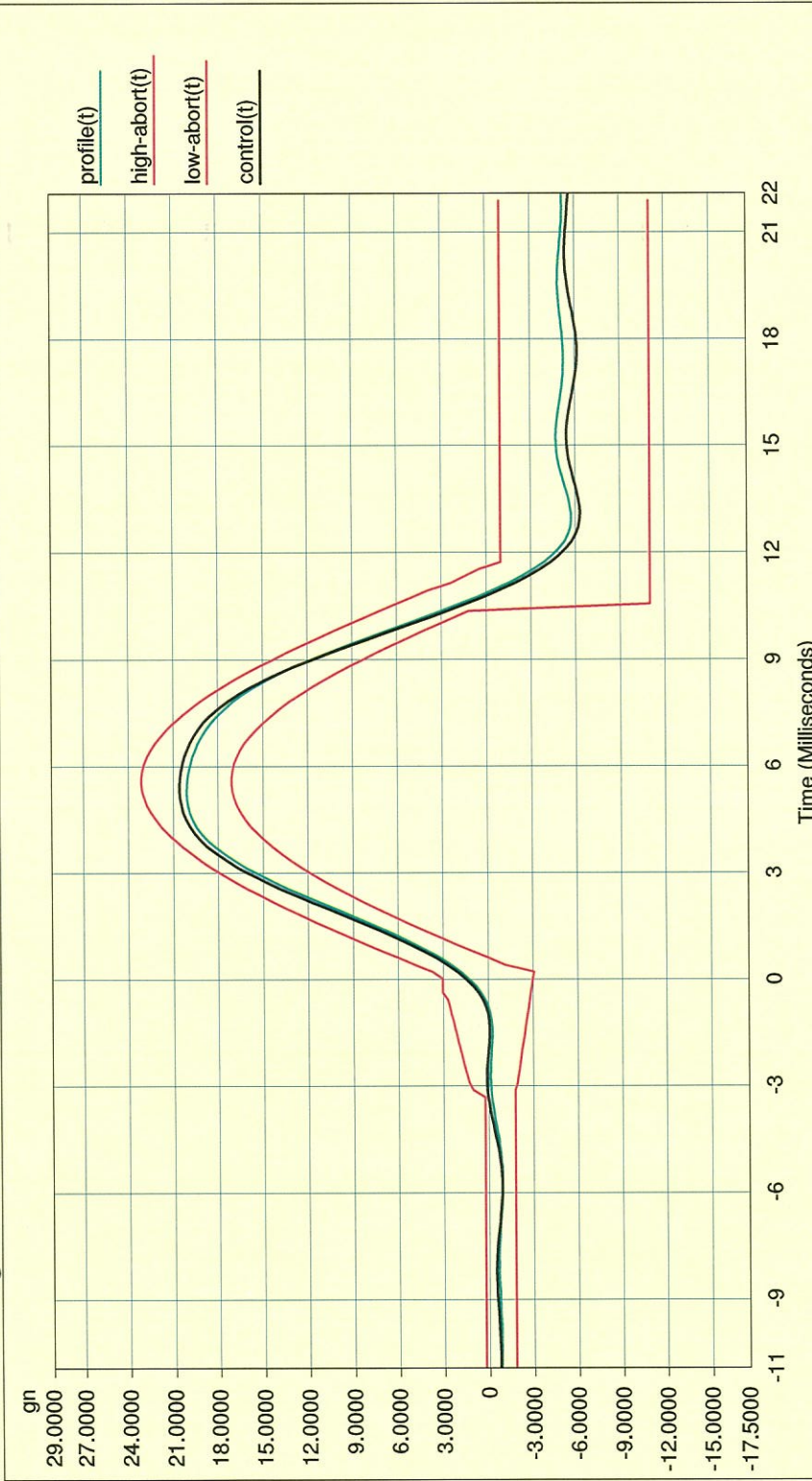
Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.400000 Seconds Control Peak: 20.449465 Control RMS: 3.060950 Full Level Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



-X axis

Project File Name: 20g 11mS Half Sine.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Apr 19, 2013 11-52-31

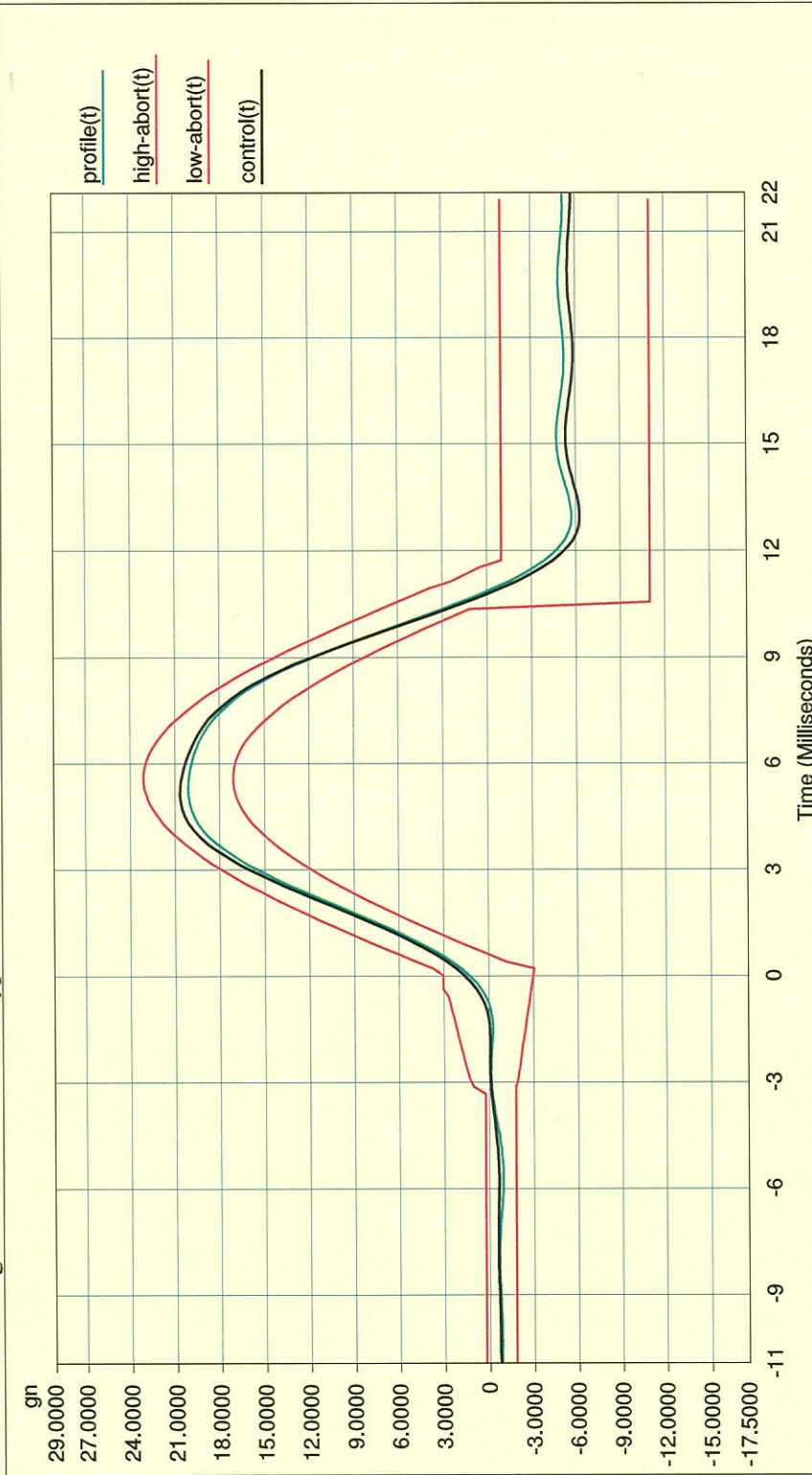


Level: 100 % Block Size: 2048 Elapsed Pulses: 12 Full Level Elapsed Pulses: 3
 Frame Time: 0.400000 Seconds Control Peak: 20.489208 Control RMS: 3.065739 Remaining Pulses: 0
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

+Y axis

Project File Name: 20g 11mS Half Sine.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Apr 19, 2013 11-46-19



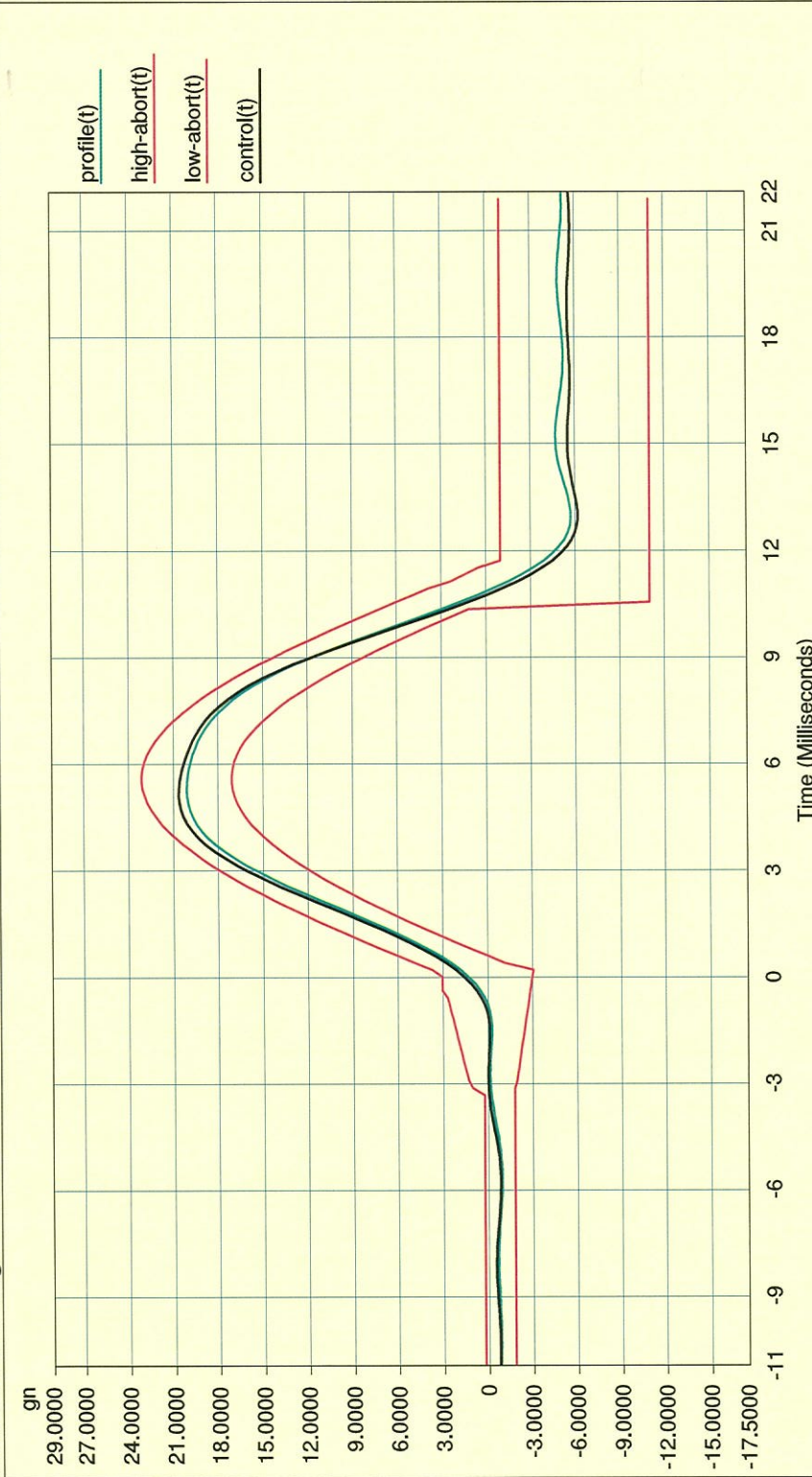
Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.400000 Seconds Control Peak: 20.563799 Control RMS: 3.061850 Full Level Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



-Y axis

Project File Name: 20g 11mS Half Sine.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Apr 19, 2013 11-48-32



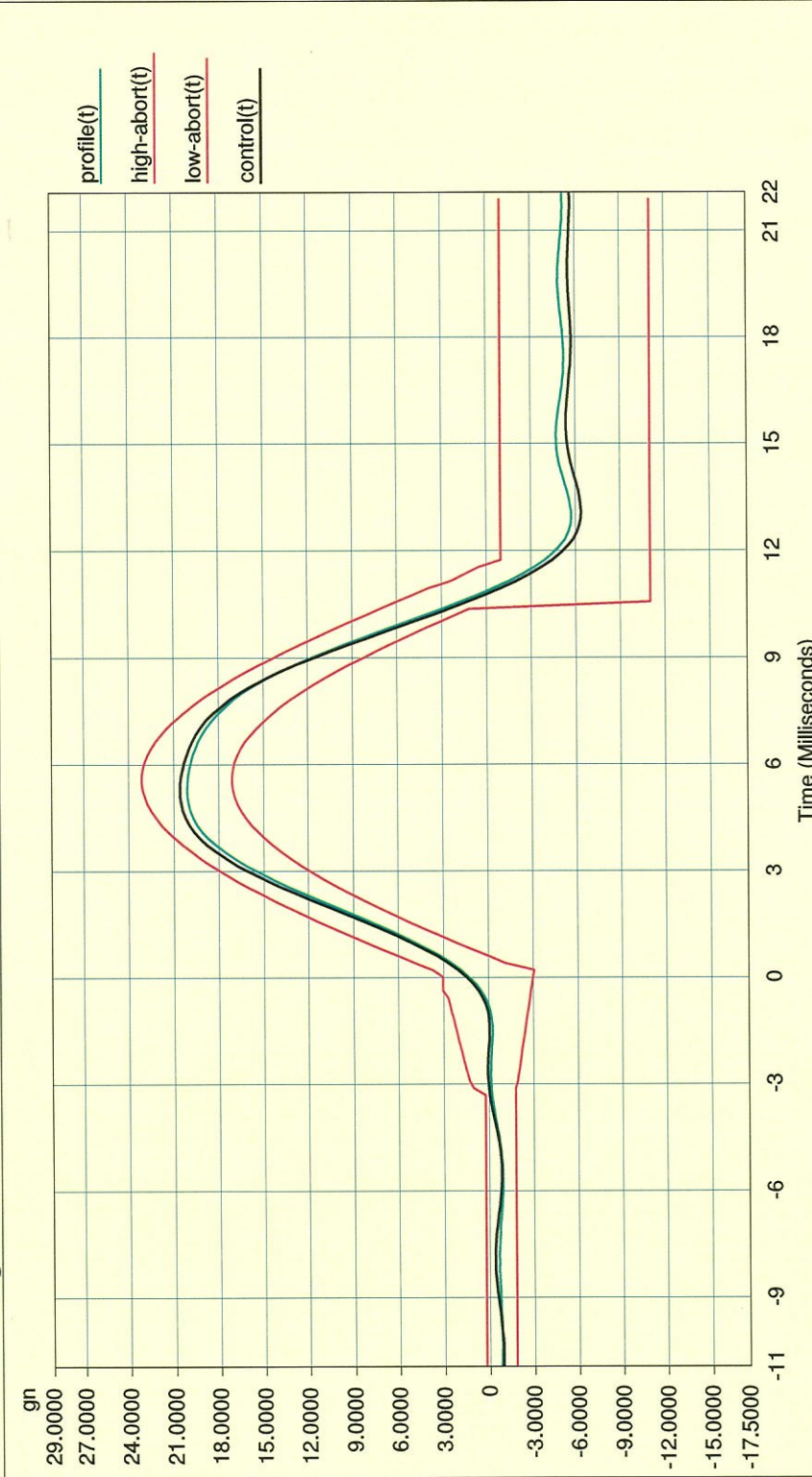
Level: 100 % Block Size: 2048 Elapsed Pulses: 13
 Frame Time: 0.400000 Seconds Control Peak: 20.540829 Control RMS: 3.063054 Full Level Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



+Z axis

Project File Name: 20g 11mS Half Sine.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .RunDefault Apr 19, 2013 11-39-11



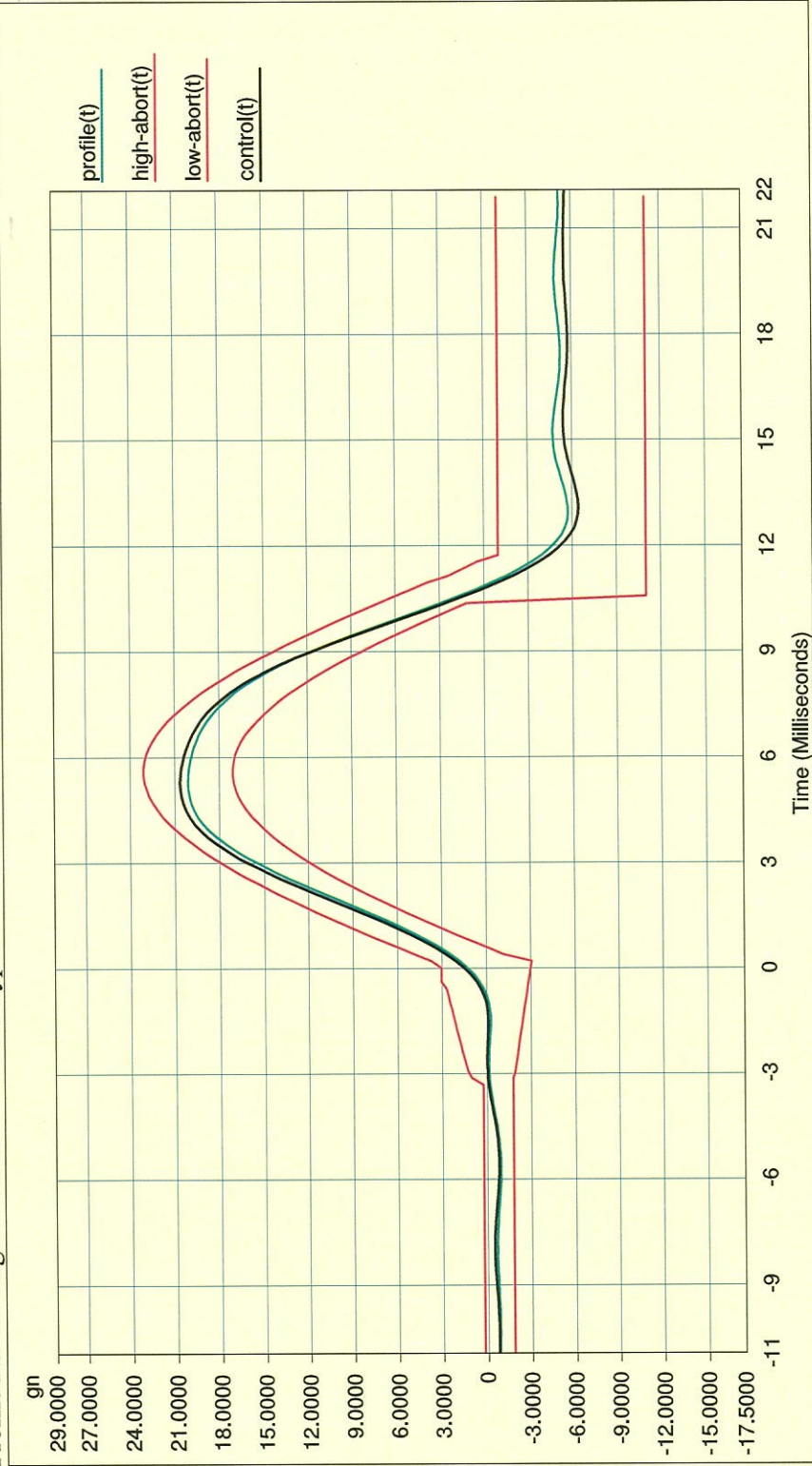
Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.400000 Seconds Control Peak: 20.482456 Control RMS: 3.064449 Full Level Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms



-Z axis

Project File Name: 20g 11mS Half Sine.prj

Profile Name: 20gn 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Apr 19, 2013 11-41-11



Level: 100 % Block Size: 2048 Elapsed Pulses: 12
 Frame Time: 0.400000 Seconds Control Peak: 20.545097 Control RMS: 3.065381 Full Level Elapsed Pulses: 3
 dT: 0.000195 Seconds Demand Peak: 20.000000 Demand RMS: 2.925629 Remaining Pulses: 0
 Pulse Type: Half Sine Amplitude: 20.000000 Pulse Width: 11.000000 ms

-END-

